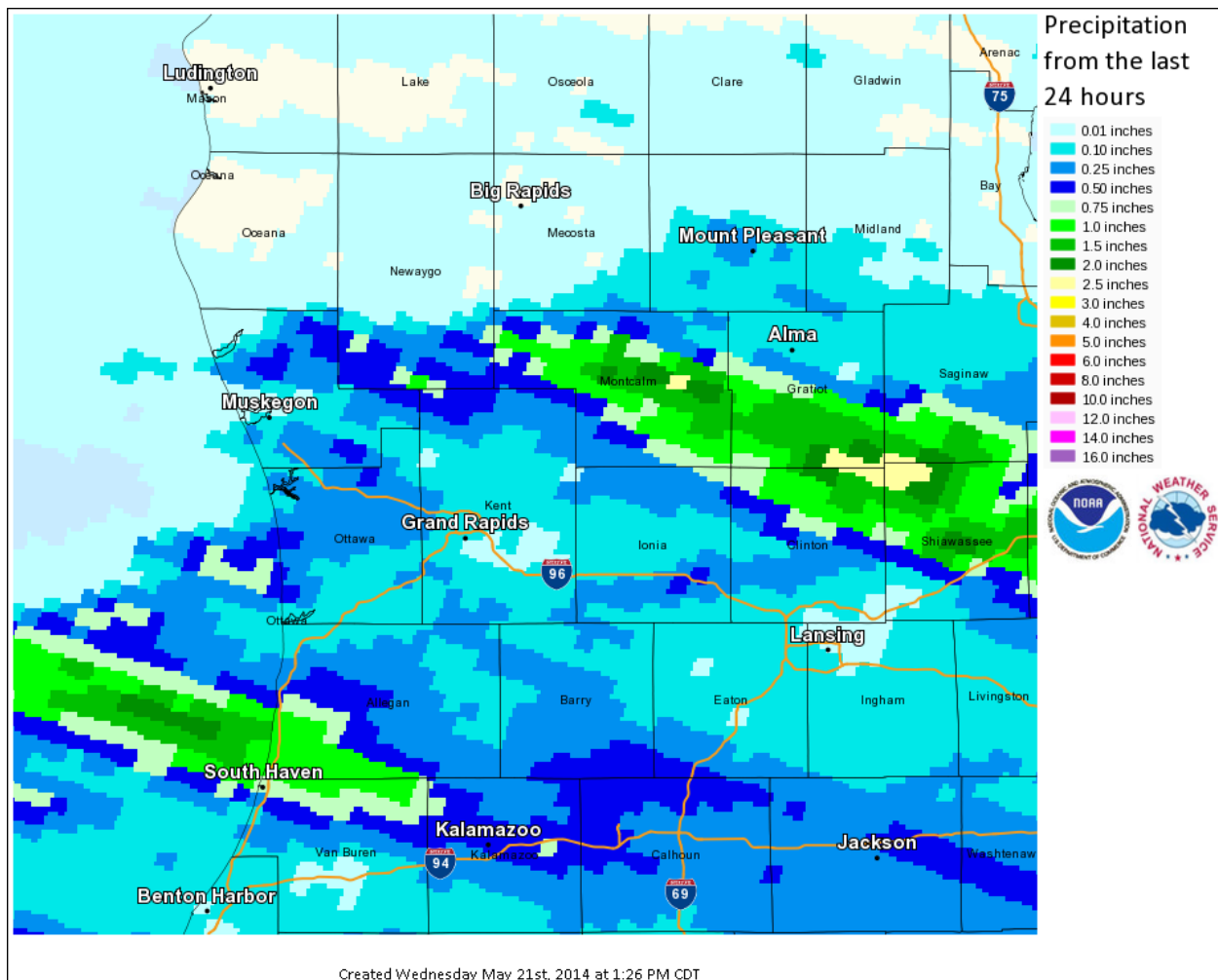


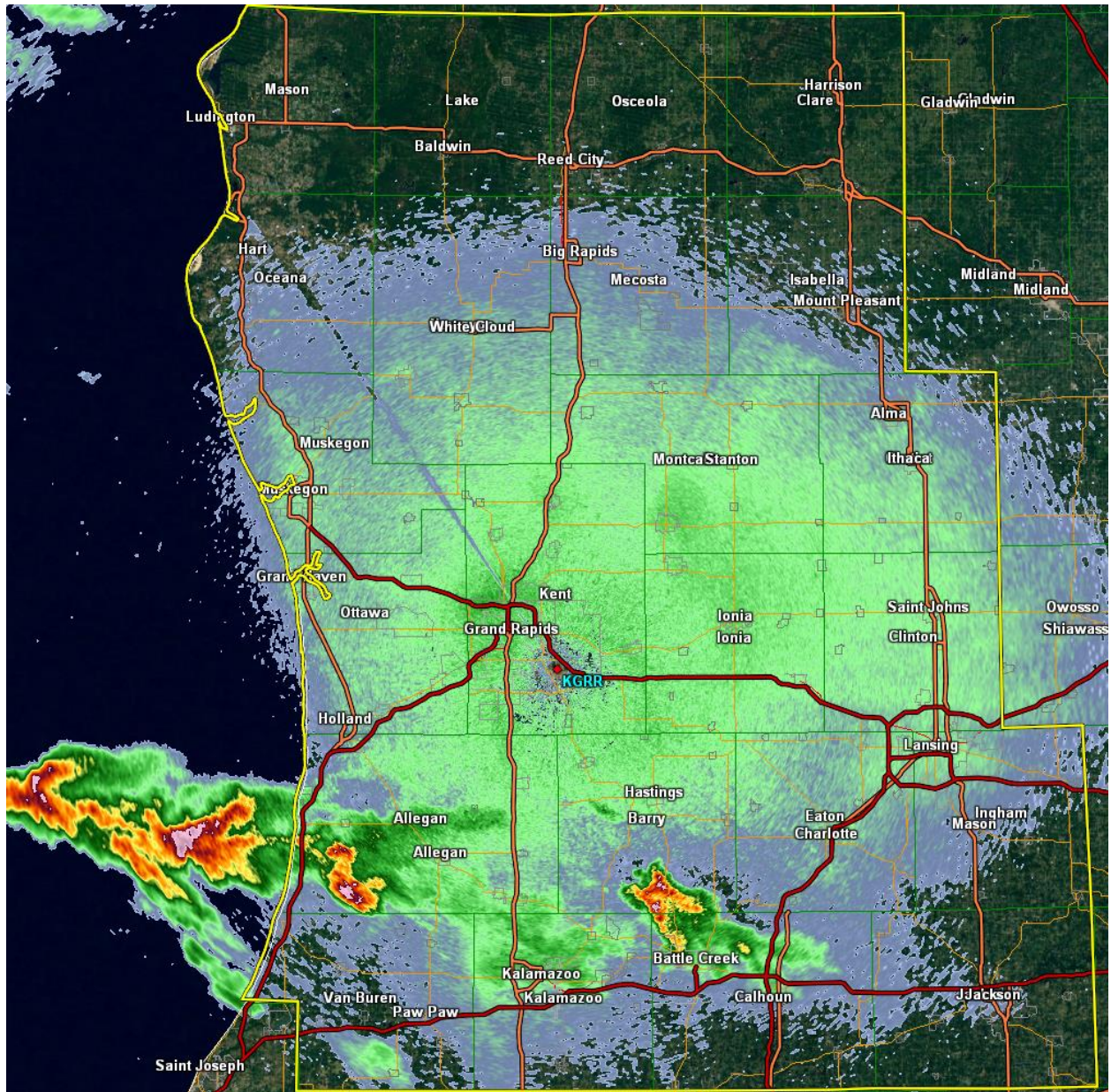
## Storms from Tuesday night May 20-21, 2014

An area of low pressure over the Midwest pushed a warm frontal boundary through Lower Michigan during the day Tuesday. Temperatures made it well into the 70s to near 80 degrees south of the front, while staying in the 50s and 60s north of the front. Showers and thunderstorms began to develop late in the evening in the warm air mass over portions of Iowa and Illinois. Storms then moved eastward over Lake Michigan and into Southern Lower Michigan after nightfall. There were several reports of hail up to 1.00" in diameter. Storms continued to travel over similar locations, dumping 1-2 inches of rain with localized higher amounts. This later led to some minor flooding of local streets, most notably in Cheshire and Lee Township in Allegan County.

### Rainfall Totals



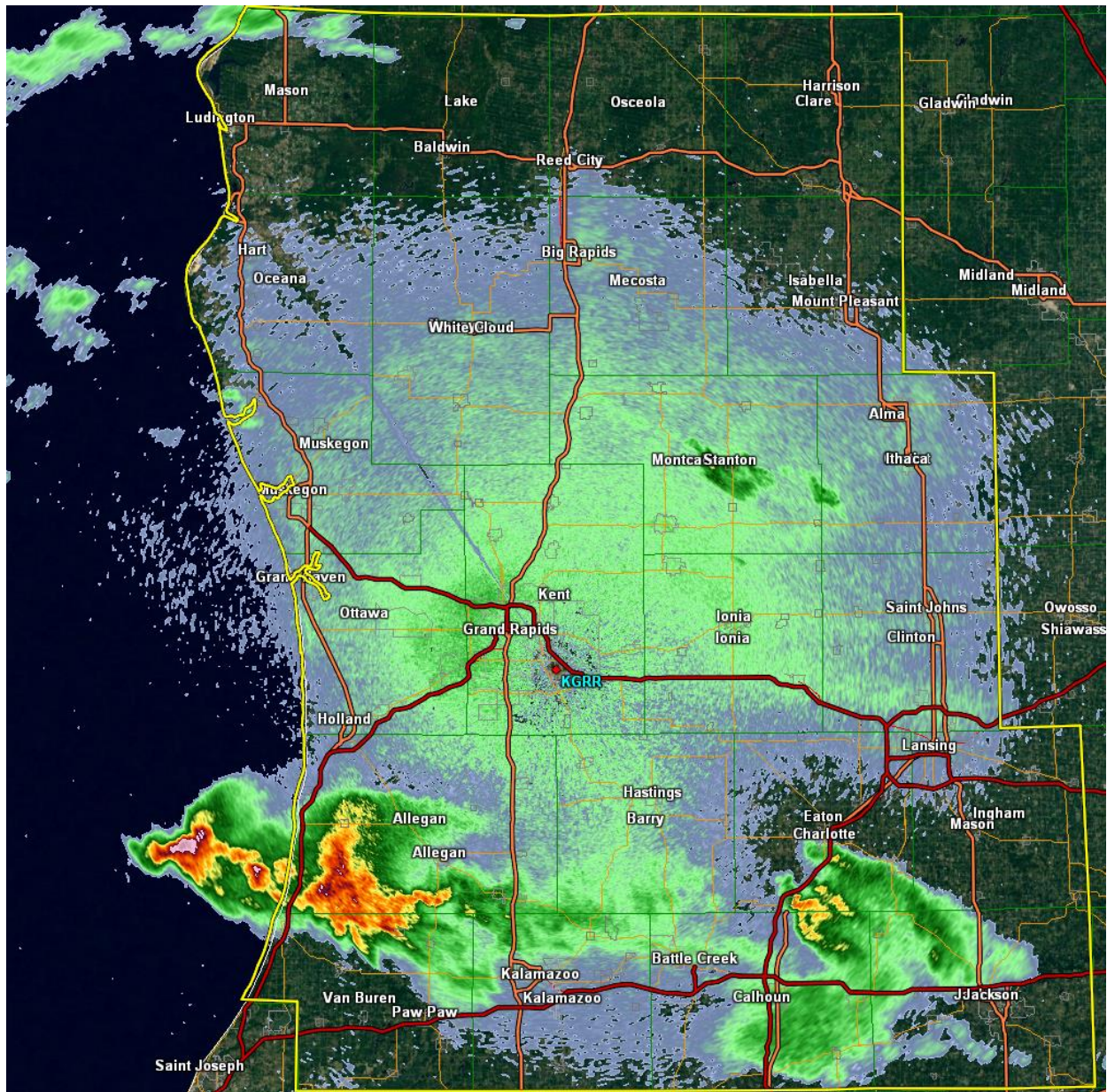
## Radar Images



21 May 0342Z



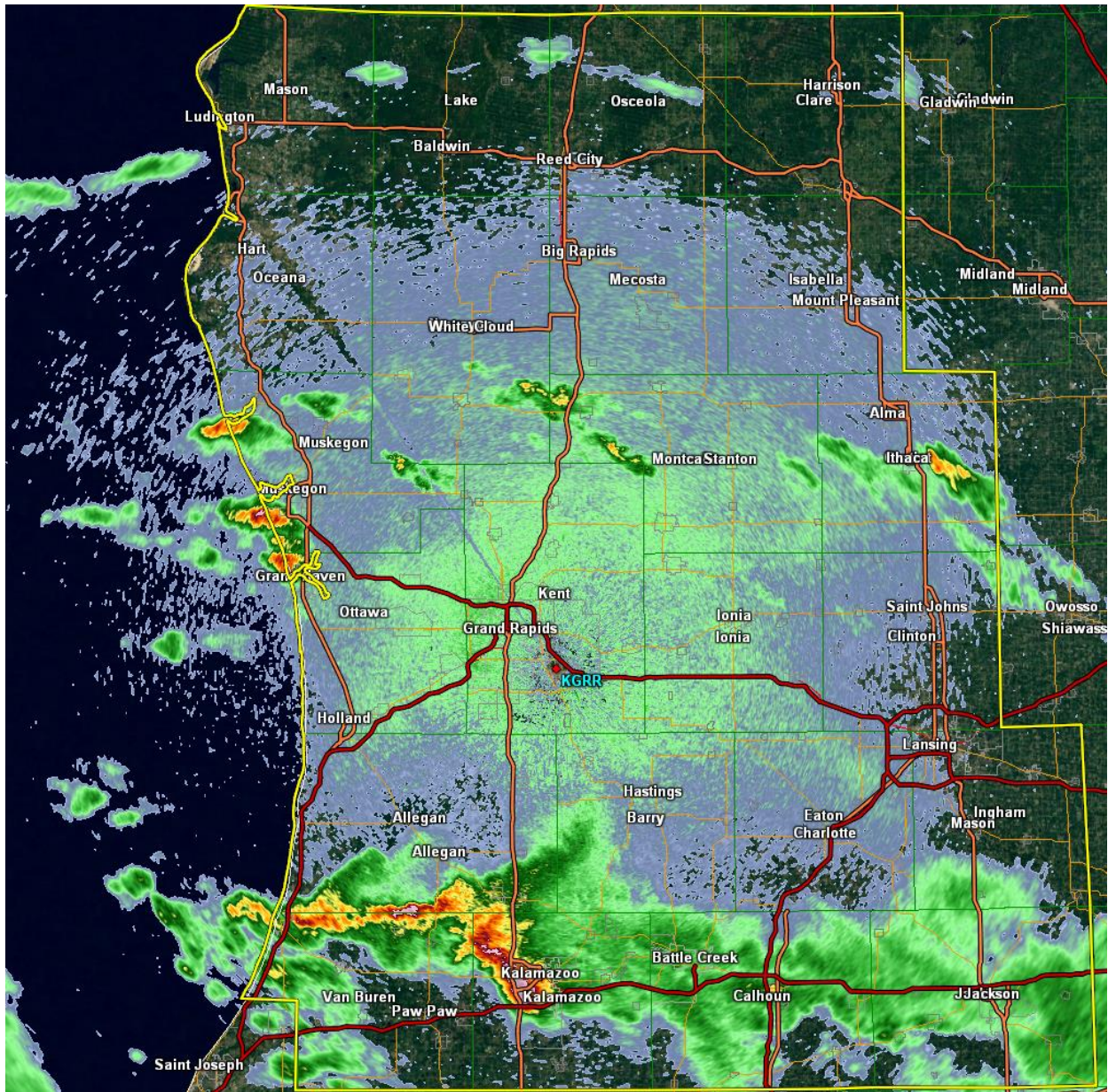
Severe Weather Summary – National Weather Service Grand Rapids, MI



21 May 0426Z



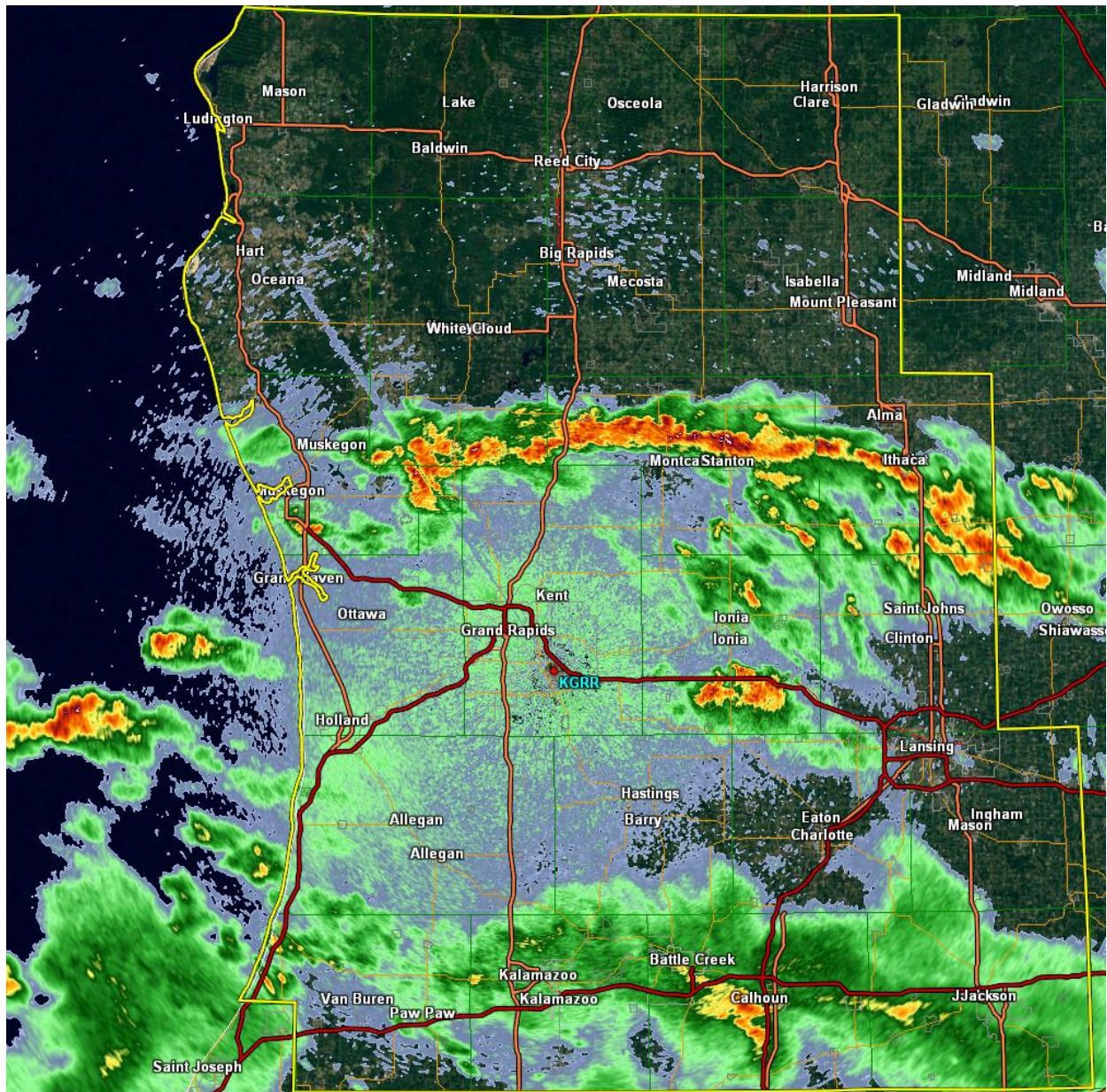
Severe Weather Summary – National Weather Service Grand Rapids, MI



21 May 0510Z



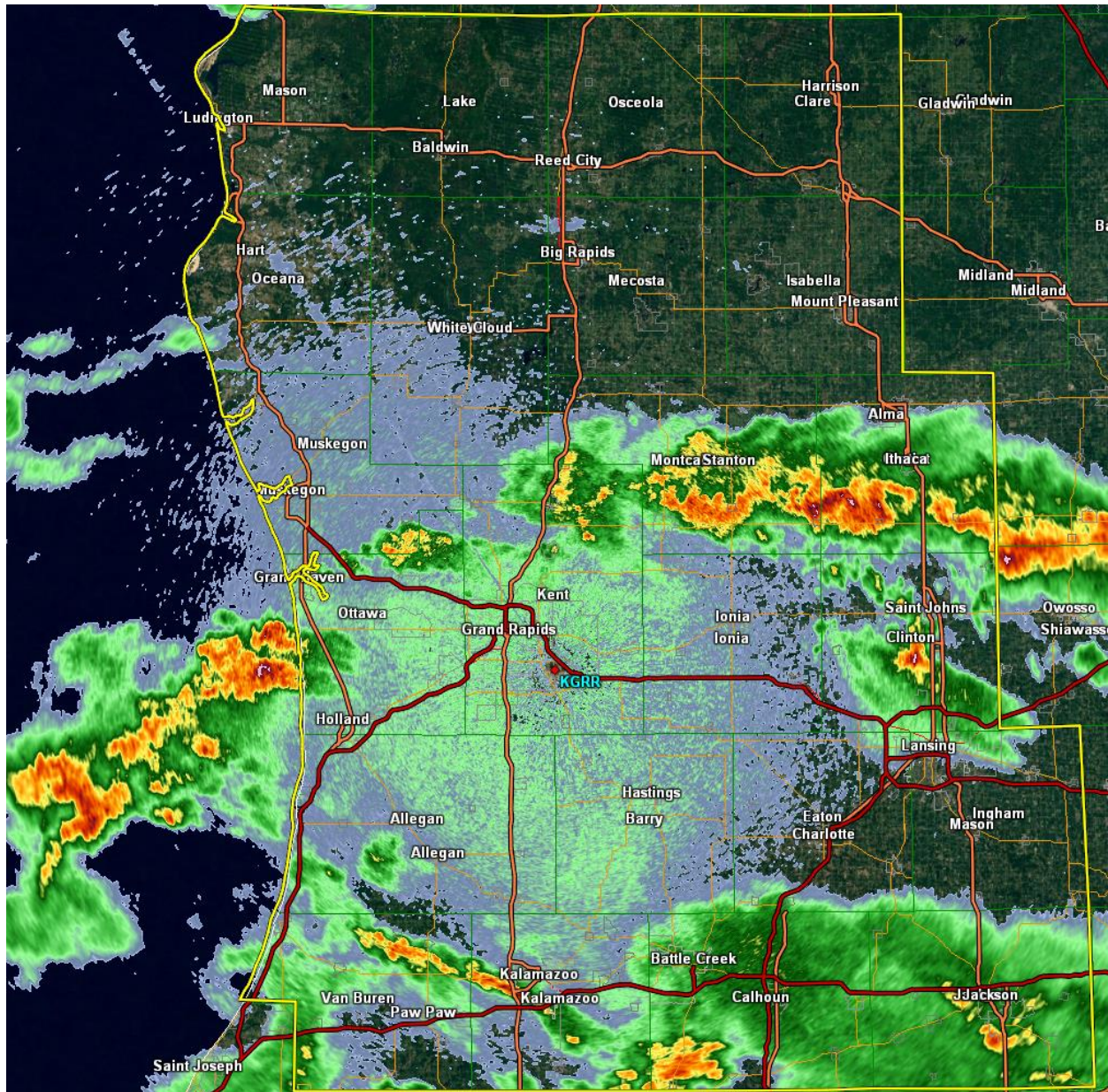
Severe Weather Summary – National Weather Service Grand Rapids, MI



21 May 0554Z



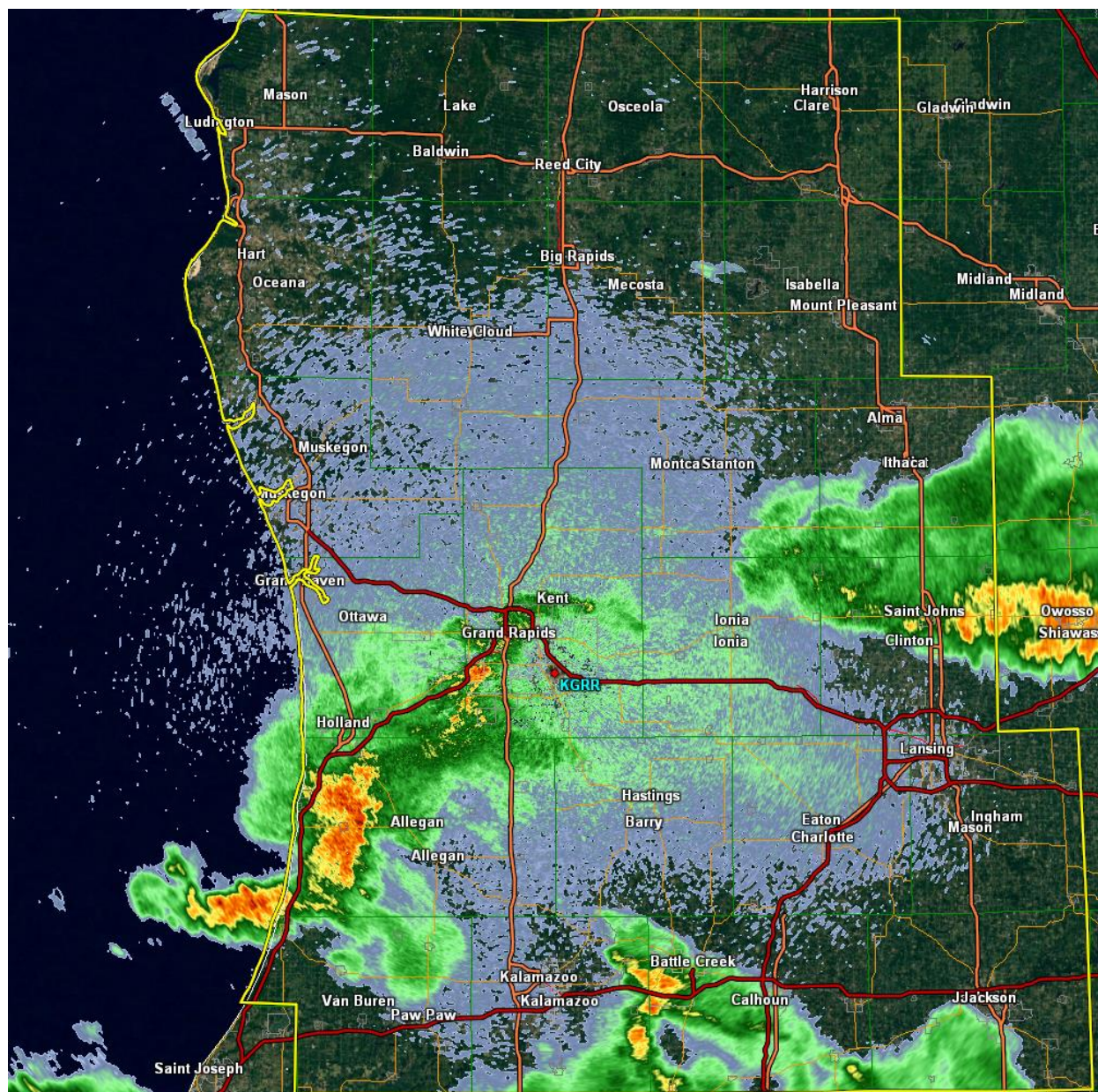
Severe Weather Summary – National Weather Service Grand Rapids, MI



21 May 0629Z



Severe Weather Summary – National Weather Service Grand Rapids, MI



21 May 0721Z

## Severe Weather Summary – National Weather Service Grand Rapids, MI

### Local Storm Reports

NATIONAL WEATHER SERVICE GRAND RAPIDS MI  
443 AM EDT WED MAY 21 2014

...TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
...DATE...	...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
	..REMARKS..		

#### ALLEGAN COUNTY...

0102 AM	FLOOD	4 SSW GLENN	42.47N 86.25W
05/21/2014		ALLEGAN	MI COUNTY OFFICIAL

*SEVERAL INCHES OF STANDING WATER OVER THE  
ROAD NEAR BLUE STAR HWY AND 107TH AVE.*

0140 AM	FLOOD	8 SSW ALLEGAN	42.43N 85.91W
05/21/2014		ALLEGAN	MI LAW ENFORCEMENT

*1 FOOT OF WATER FLOWING OVER THE ROADWAY ON  
38TH ST. IN CHESHIRE TOWNSHIP.*

#### BARRY COUNTY...

1150 PM	HAIL	BANFIELD	42.46N 85.29W
05/20/2014	M1.00 INCH	BARRY	MI TRAINED SPOTTER

*1/2" TO 1" HAIL.*

#### CALHOUN COUNTY...

1147 PM	HAIL	BEDFORD	42.40N 85.23W
05/20/2014	M0.75 INCH	CALHOUN	MI TRAINED SPOTTER

*0.5" TO 0.75" HAIL IN VILLAGE OF BEDFORD.*

1155 PM	HAIL	3 ESE BEDFORD	42.37N 85.18W
05/20/2014	M0.75 INCH	CALHOUN	MI TRAINED SPOTTER

*DIME SIZE HAIL ON NORTH AVE. NORTH OF MORGAN  
RD.*

0150 AM	LIGHTNING	3 NNW PINE CREEK	42.20N 85.29W
05/21/2014		CALHOUN	MI EMERGENCY MANAGER

*HOUSE FIRE FROM LIGHTNING IN LEROY TOWNSHIP.  
TIME ESTIMATED.*

#### KALAMAZOO COUNTY...

0106 AM	HAIL	OSHTEMO	42.26N 85.68W
05/21/2014	M1.00 INCH	KALAMAZOO	MI PUBLIC

0108 AM	HAIL	OSHTEMO	42.26N 85.68W
05/21/2014	E1.00 INCH	KALAMAZOO	MI TRAINED SPOTTER

*"REALLY HAILING" IN OSHTEMO. NO SIGNIFICANT  
WIND. MOSTLY MARBLE SIZE HAIL UP TO 1" IN  
DIAMETER*



Severe Weather Summary – National Weather Service Grand Rapids, MI

**0113 AM** HAIL ALAMO 42.38N 85.71W  
05/21/2014 M0.75 INCH KALAMAZOO MI PUBLIC

**0116 AM** HAIL 1 WNW KALAMAZOO 42.28N 85.61W  
05/21/2014 M0.75 INCH KALAMAZOO MI PUBLIC

*3/4" HAIL AT WESTERN MICHIGAN UNIVERSITY*

**MUSKEGON COUNTY...**

**0141 AM** HAIL HOLTON 43.41N 86.08W  
05/21/2014 M0.25 INCH MUSKEGON MI PUBLIC

*REPORT RELAYED BY WZZM TV.*

**VAN BUREN COUNTY...**

**1103 PM** HAIL SOUTH HAVEN 42.40N 86.27W  
05/20/2014 M0.25 INCH VAN BUREN MI PUBLIC

*REPORT RELAYED BY WOOD TV. TIME ESTIMATED  
FROM RADAR.*

**1257 AM** HAIL GOBLES 42.36N 85.88W  
05/21/2014 M0.25 INCH VAN BUREN MI TRAINED SPOTTER

**0100 AM** HAIL 4 SSE PINE GROVE 42.30N 85.83W  
05/21/2014 E1.00 INCH VAN BUREN MI STORM CHASER

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NWS GRAND RAPIDS, MI